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FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1861.1260001/JMC/THN

APPLICATION NO.  
09/803,659

APPLICANT  
Hogenkamp et al.

FILING DATE  
March 12, 2001

GROUP  
1624

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VB	AL1	GB 2 095 240 A	09/29/1982	Great Britain	/	/	Yes No
B	AM1	EP 0 507 962 A1	10/14/1992	Europe	/	/	Yes No
M	AN1	WO 96/40628	12/19/1996	WIPO	/	/	Yes No
M	AO1	WO 98/47869	10/29/1998	WIPO	/	/	Yes No
M	AP1	WO 00/57877	10/05/2000	WIPO	/	/	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VA	AR	1	Chen, C., et al., "A Convenient Synthetic Method for Trisubstituted s-Triazines," J. Org. Chem. 60:8428-8430, The American Chemical Society (1995).
V7	AS	1	Honma, Y., et al., "Antiallergic Agents. 2. N-(1H-Tetrazol-5-yl)-6-phenyl-2-pyridinecarboxamides," J. Med. Chem. 26:1499-1504, The American Chemical Society (1983).
VA	AT	1	Matsumoto, I., "N-Tetrazol-5-yl-6-phenyl-2-pyridinecarboxamides," Chem. Abstr. 96:181290v, The American Chemical Society (1982).

EXAMINER V. Balasubramanian

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VD	AR	2	International Search Report for International Patent Application No. PCT/US01/07797, mailed 10/09/2001.
	AS		
	AT		

EXAMINER *V. Balasubramanian*DATE CONSIDERED *3/8/02*

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
VB	AA1	3,660,414	05/02/1972	Hardtmann <i>et al.</i>	260	294.9	06/01/1970
VB	AB1	3,709,888	01/09/1973	Hardtmann <i>et al.</i>	260	256.4	06/01/1970
VB	AC1	3,886,167	05/27/1975	Ash <i>et al.</i>	260	293.52	03/06/1974
VB	AD1	3,940,404	02/24/1976	Ash <i>et al.</i>	260	296 R	09/17/1974
VB	AE1	4,293,552	10/06/1981	Miesel	424	250	07/31/1979
VB	AF1	4,332,809	06/01/1982	Honma <i>et al.</i>	424	266	02/05/1981
VB	AG1	4,912,218	03/27/1990	Coyle <i>et al.</i>	544	216	11/05/1987
VB	AH1	4,920,119	04/24/1990	Attwood <i>et al.</i>	514	243	11/24/1987
VB	AI1	5,116,989	05/26/1992	Hale <i>et al.</i>	546	265	05/30/1989
VB	AJ1	5,250,533	10/05/1993	Heinemann <i>et al.</i>	514	256	03/02/1992
VB	AK1	5,340,701	08/23/1994	Desobry	430	325	04/06/1993

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VB	AL2	FR 1,536,093	09/07/1967	France			X Yes No
VB	AM2	DE 30 12 597 A1	10/16/1980	Germany			X Yes No
VB	AN2	JP 56104883	08/20/1981	Japan			X Yes No
VB	AO2	EP 0 123 700 A1	11/07/1984	Europe			X Yes No
VB	AP2	EP 0 096 657 A2	12/21/1983	Europe			X Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
VB	AS	2	Aggarwal, V., <i>et al.</i> , "Reaction of $\alpha$ -Ketoketene S.N-Acetals with Cyanoacetamide: A New General Method for Substituted and Fused 4-(N-Alkylamino-, N-Arylamino-, or N-Morpholino)-3-cyano-2(1H)-pyridones," <i>Synthesis</i> 3:214-216, Georg Thieme Verlag (1982).
VB	AT	2	Al-Omran, F. and Al-Awadi, N., "Studies of Polyfunctionally Substituted Heteroaromatics: Synthesis of New Polyfunctionally Substituted Azabiaryls," <i>J. Chem. Res. Synop.</i> 10:392-393, The Royal Society of Chemistry (1995).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
VB	AA2	5,389,632	02/14/1995	Bru-Magniez <i>et al.</i>	514	233.2	02/24/1993
VB	AB2	5,403,934	04/04/1995	Batchelor <i>et al.</i>	546	290	07/15/1994
VB	AC2	5,602,156	02/11/1997	Kohn <i>et al.</i>	514	359	03/10/1994
VB	AD2	5,744,492	04/28/1998	Kohn <i>et al.</i>	514	359	03/10/1994
VB	AE2	6,057,346	05/02/2000	Kohn <i>et al.</i>	514	359	12/12/1994
VB	AF2	6,127,371	10/03/2000	Elliott <i>et al.</i>	514	252.01	10/01/1999
VB	AG2	4,133,956	01/09/1979	Abdulla <i>et al.</i>	544	336	07/27/1977
VB	AH2	4,364,956	12/21/1982	Clark <i>et al.</i>	424	269	09/17/1981
VB	AI2	4,698,091	10/06/1987	Brunner <i>et al.</i>	71	87	07/03/1985
VB	AJ2	4,968,702	11/06/1990	Poletto <i>et al.</i>	514	313	01/17/1989
VB	AK2	5,084,462	01/28/1992	Ackerman <i>et al.</i>	514	311	06/28/1990

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VB	AL3	DE 32 45 950 A1	07/07/1983	Germany			Yes No
VB	AM3	JP 6320234	04/26/1988	Japan			Yes No
VB	AN3	EP 0 271 195 A1	06/15/1988	Europe			Yes No
VB	AO3	EP 0 389 236 A2	09/26/1990	Europe			Yes No
VB	AP3	EP 0 446 604 A2	09/18/1991	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	3	Amine, M.S., "Utilities of 4-(4'-Benzyl Phenyl)-6-Arylpyrimidine-2-Thiones for the Synthesis of Biologically Active Condensed and Non-Condensed Heterocycles," <i>Egypt. J. Chem.</i> 41:267-276, The National Information and Documentation Centre (1998).
VB	AS	3	Baldwin, J.E., <i>et al.</i> , "Concise Syntheses of Acromelic Acid A and <i>Allo</i> -Acromelic Acid A," <i>Tetrahedron Lett.</i> 39:707-710, Pergamon (1998).
VB	AT	3	Bensimon, G., <i>et al.</i> , "A Controlled Trial of Riluzole in Amyotrophic Lateral Sclerosis," <i>New Eng. J. Med.</i> 330:585-591, The Massachusetts Medical Society (1994).

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VD	AL4	WO 92/06085	04/16/1992	WIPO			Yes No
VD	AM4	EP 0 518 798 A2	12/16/1992	Europe			Yes No
VD	AN4	EP 0 550 900 A1	07/14/1993	Europe			X Yes No
VD	AO4	JP 7076542	03/20/1995	Japan			X Yes No
VD	AP4	WO 95/19358	07/20/1995	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

W	AR	4	Benson, S.C., <i>et al.</i> , "Indole as a Dienophile in Inverse Electron Demand Diels-Alder Reactions: Reactions with 1,2,4-Triazines and 1,2-Diazines," <i>J. Org. Chem.</i> 55:3257-3269, The American Chemical Society (1990).
VD	AS	4	Berg, K.E., <i>et al.</i> , "Covalently Linked Ruthenium(II)-Manganese(II) Complexes: Distance Dependence of Quenching and Electron Transfer," <i>Eur. J. Inorg. Chem.</i> 4:1019-1029, Wiley-VCH Verlag GmbH (2001).
W	AT	4	Bettman, B., <i>et al.</i> , "Dissociation Constants of Organic Boric Acids," <i>J. Am. Chem. Soc.</i> 56:1865-1870, Mack Printing Company (1934).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VB	AL5	WO 99/31088	06/24/1999	WIPO			Yes No
VD	AM5	WO 99/32468	07/01/1999	WIPO			Yes No
VB	AN5	WO 99/38829	08/05/1999	WIPO			Yes No X
VD	A05	FR 1,477,021	04/14/1967	France			Yes No X
VD	AP5	EP 0 362 578 A1	04/11/1990	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	5	Brown, C.M., <i>et al.</i> , "Neuroprotective properties of lifarizine compared with those of other agents in a mouse model of focal cerebral ischaemia," <i>Br. J. Pharmacol.</i> 115:1425-1432, Stockton Press (1995).
VD	AS	5	Buchan, A.M., <i>et al.</i> , "AMPA Antagonists: Do They Hold More Promise for Clinical Stroke Trials Than NMDA Antagonists?" <i>Suppl. Stroke</i> 24:1-148-1-152, American Heart Association (1993).
VM	AT	5	Burdeska, K., <i>et al.</i> , "Über die Herstellung von Styryl- und Stilbenyl-Derivaten des Pyrimidins," <i>Helv. Chim. Acta.</i> 64:113-152, Schweizerische Chemische Gesellschaft (1981).

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VB	AL6	EP 0 389 236 A3	02/06/1991	Europe			Yes No
VB	AM6	EP 0 446 604 A3	02/19/1992	Europe			Yes No
M	AN6	EP 0 518 798 A3	12/07/1994	Europe			Yes No
VB	AO6	EP 1 052 238	11/15/2000	Europe			Yes No
M	AP6	EP 0 480 258 A2	04/15/1992	Europe			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	6	Cabrerizo, M., <i>et al.</i> , "Sintesis De Heterociclos. III. 2-Amino-3,5-diciano-4-aril-6-alcoxipiridinas a partir de bencilidenmalononitrilos," <i>An. Quim.</i> 70:951-958, La Real Sociedad Española de Física y Química (1974).
VB	AS	6	Catterall, W.A., "Neurotoxins That Act on Voltage-Sensitive Sodium Channels in Excitable Membranes," <i>Ann. Rev. Pharmacol. Toxicol</i> 20:15-43, Annual Reviews Inc. (1980).
M	AT	6	Catterall, W.A., "Common modes of drug action on Na <sup>+</sup> channels: local anesthetics, antiarrhythmics and anticonvulsants," <i>Trends Pharmacol. Sci.</i> 8:57-65, Elsevier Publications Cambridge (1987).

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
VB	AL7	EP 0 480 258 A3	09/30/1992	Europe			Yes No
VB	AM7	JP 02052360	02/21/1990	Japan			Yes No X
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	Z	Catterall, W.A., "Structure and Function of Voltage-Sensitive Ion Channels," <i>Science</i> 242:50-61, American Association for the Advancement of Science (1988).
VB	AS	Z	Chacón, M. del C., <i>et al.</i> , "Synthèse d'hétérocycles. XX (1). Réaction du malononitrile avec quelques cinnamonnitriles," <i>J. Heterocycl. Chem.</i> 19:421-423, The Journal of Heterocyclic Chemistry (1982).
VB	AT	Z	Chambers, R.J., <i>et al.</i> , "Biarylcarboxamide Inhibitors of Phosphodiesterase IV and Tumor Necrosis Factor- $\alpha$ ," <i>Bioorg. Med. Chem. Lett.</i> 7:739-744, Pergamon Press (1997).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	8	Creveling, C.R., <i>et al.</i> , "Batrachotoxin-Induced Depolarization and [ <sup>3</sup> H]Batrachotoxinin-A 20 $\alpha$ -Benzoate Binding in a Vesicular Preparation from Guinea Pig Cerebral Cortex," <i>Mol. Pharmacol.</i> 23:350-358, The American Society for Pharmacology and Experimental Therapeutics (1983).
VB	AS	8	Daines R.A., <i>et al.</i> , "Quinine Analogs as Non-Peptide Calcitonin Gene-Related Peptide (CGRP) Receptor Antagonists," <i>Bioorg. Med. Chem. Lett.</i> 7:2673-2676, Pergamon Press (1997).
VB	AT	8	Daves, G.D., <i>et al.</i> , "Pyrimidines. XIII. 2- and 6-Substituted 4-Pyrimidinecarboxylic Acids (1a)," <i>J. Heterocyclic Chem.</i> 1:130-133, The Journal of Heterocyclic Chemistry (1964).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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VB	AR	2	Denicoff, K.D., <i>et al.</i> , "Efficacy of Carbamazepine Compared With Other Agents: A Clinical Practice Survey," <i>J. Clin. Psychiatry</i> 55:70-76, Physicians' Postgraduate Press, Inc. (1994).
VB	AS	2	DeWald, H.A., <i>et al.</i> , "Pyrazolodiazepines. 3. 4-Aryl-1,6,7,8-tetrahydro-1,3-dialkylpyrazolo[3,4-e][1,4]diazepines as Antidepressant Agents," <i>J. Med. Chem.</i> 24:982-987, The American Chemical Society (1981).
VB	AT	2	Domagala, J.M. and Peterson, P., "New 7-Substituted Quinolone Antibacterial Agents. II. The Synthesis of 1-Ethyl-1,4-dihydro-4-oxo-7-(pyrazolyl, isoxazolyl, and pyrimidinyl)-1,8-naphthyridine and quinolone-3-carboxylic Acids," <i>J. Heterocyclic Chem.</i> 26:1147-1158, The Journal of Heterocyclic Chemistry (1989).

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UB	AR	10	Donaldson, I., "Tegretol: A double blind trial in tinnitus," <i>J. Laryngol. Otol.</i> 95:947-951, Headley Brothers Ltd. (1981).
UB	AS	10	El-Kafrawy, A.F., <i>et al.</i> , "A Facile One-step Conversion of $\beta$ -Benzoylacrylic Acids into Some Interesting Heterocycles and Study of their Microbiological Activity," <i>J. Chem. Soc. Pak.</i> 14:59-66, (1992).
UB	AT	10	Fischer, G.W., "Tetrazole Compounds. 8[1]. Synthesis of Tetrazolylpyrimidines from Tetrazolyl-substituted Enamino Ketones," <i>J. Heterocyclic Chem.</i> 30:1517-1519, The Journal of Heterocyclic Chemistry (1993).

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
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>11</u>	Fuentes, L., <i>et al.</i> , "Sintesis de Heterociclos. XVI Reaccion del Malonitrolo con Bencilidenmalonitrilos en Presencia de Aminas," <i>An. Quim. Ser. C</i> 76:68-69, Real Sociedad Española de Fisica y Química (1980).
	AS	<u>11</u>	Fuentes, L., <i>et al.</i> , "Amalgam (Na.Hg) Reduction of some 4-Substituted-2-amino-3,5-dicyano-6-methoxypyridines. New Evidence Regarding the Oxidation Step in their Synthesis," <i>J. Heterocycl. Chem.</i> 36:481-483, The Journal of Heterocyclic Chemistry (March/April 1999).
	AT	<u>11</u>	Gainer, H., "Synthesis of Pyrazinoic Acid," <i>J. Org. Chem.</i> 24:691, The American Chemical Society (1959).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

UB	AR	12	Giroux, A., <i>et al.</i> , "One Pot Biaryl Synthesis via <i>in situ</i> Boronate Formation," <i>Tetrahedron Lett.</i> 38:3841-3844, Pergamon Press (1997).
MB	AS	12	Görlitzer, K. and Düwel, W., "Pyridin-Verbindungen aus Etacrynsäure, 2. Mitteilung," <i>Arch. Pharm. (Weinheim)</i> 325:357-359, VCH Verlagsgesellschaft mbH (1992).
VB	AT	12	Görlitzer, K. and Diers, K., "Pyridine und Pyrimidine aus Etacrynsäure," <i>Pharmazie</i> 52:97-100, Eschborn Govi-Verlag Pharmazeutischer Verlag GmbH (1997).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

UB	AR	13	Graham, S.H., <i>et al.</i> , "Neuroprotective Effects of a Use-Dependent Blocker of Voltage-Dependent Sodium Channels, BW619C89, in Rat Middle Cerebral Artery Occlusion," <i>J. Pharmacol. Exp. Ther.</i> 269:854-859, Williams and Wilkins (1994).
UB	AS	13	Graham, S.H. <i>et al.</i> , "A Dose-Response Study of Neuroprotection Using the AMPA Antagonist NBQX in Rat Focal Cerebral Ischemia," <i>J. Pharmacol. Exp. Ther.</i> 276:1-4, Williams and Wilkins (1996).
UB	AT	13	Hamill, O.P., <i>et al.</i> , "Improved Patch-Clamp Techniques for High-Resolution Current Recording from Cells and Cell-Free Membrane Patches," <i>Pflügers Arch.</i> 391:85-100, Springer-Verlag (1981).

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VB	AR	14	Hunskaar, S., <i>et al.</i> , "Formalin test in mice, a useful technique for evaluating mild analgesics," <i>J. Neurosci. Methods</i> 14:69-76, Elsevier Science Publishers B.V. (1985).
VB	AS	14	Hussain, S.M., <i>et al.</i> , "New Synthesis of Polyfunctionally Substituted 2-Mercaptopyridines and Fused Pyridines," <i>Gazz. Chim. Ital.</i> 124:97-101, Società Chimica Italiana (1994).
VD	AT	14	Iwamoto, K., <i>et al.</i> , "Ring Transformation of Fused Pyridazines. III. 1-Substituted Phthalazines with Ynamines," <i>Chem. Pharm. Bull.</i> 43:679-682, Pharmaceutical Society of Japan (1995).

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VB	AR	15	Iwasaki, Y., <i>et al.</i> , "CNQX prevents spinal motor neuron death following sciatic nerve transection in newborn rats," <i>J. Neuro. Sci.</i> 134:21-25, Elsevier Science B.V. (1995).
VB	AS	15	Kagabu, S. and Mizoguchi, S., "A Unique Synthetic Method for Pyridine-Ring Containing Ter-, Quater- and Quinquearyl and Vinylogues by Thermolysis of 2,2-Dichlorocyclopropylmethyleamines," <i>Synthesis</i> 3:372-376, Thieme (1996).
MS	AT	15	Karamysheva, L.A., <i>et al.</i> , "New Heterocyclic Liquid Crystalline Compounds," <i>Mol. Cryst. Liq. Cryst.</i> 67:241-251, Gordon and Breach Science Publishers, Inc. (1981).

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VB	AR	16	Katagiri, N., <i>et al.</i> , "Cycloadditions in Syntheses. XXXVII. Syntheses of 6-Trifluoromethyl-1,2,4-triazines and -1,2,4-triazin-5-ones and Their Pericyclic Reactions with Olefins," <i>Chem. Pharm. Bull.</i> 36:3354-3372, Pharmaceutical Society of Japan (1988).
VB	AS	16	Kauffmann, T. and Wolf, D., "Synthese von Amidrazonen aus Nitrilen und Natriumhydrazid," <i>Angew. Chem.</i> 75:344, Verlag Chemie GmbH (1963).
M	AT	16	Kim, S.H. and Chung, J.M., "An experimental model for peripheral neuropathy produced by segmental spinal nerve ligation in the rat," <i>Pain</i> 50:355-363, Elsevier Science Publishers B.V. (1992).

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VB	AR	17	Klauschenz, E., <i>et al.</i> , "Potentielle Kardiotonika. 2. Mitteilung: Synthese und pharmakologische Eigenschaften von 5-(pyrid-4-yl)-und 5-phenylsubstituierten 3-Cyan-6-methyl-2-oxaalkylamino-pyridinen" <i>Pharmazie</i> 44:23-25, VEB Verlag Volk und Gesundheit (1989).
VB	AS	17	Konakahara, T., <i>et al.</i> , "One-pot synthesis of 2-(trifluoromethyl)pyridines from <i>N</i> -silyl-1-aza-allyl anions with trifluoroacetylketene diethyl ketal or ( <i>E</i> )-1,1,1-trifluoro-4-phenylbut-3-en-2-one," <i>J. Chem. Soc., Perkin Trans. 1</i> :2803-2806, The Royal Society of Chemistry (October 1999).
VB	AT	17	Konno, S., <i>et al.</i> , "Studies on <i>as</i> -Triazine Derivatives. VI. Introduction of Aryl Groups to the 5-Position of 1,2,4-Triazines," <i>Heterocycles</i> 23:2807-2810, Elsevier Science (1985).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	18	Kumar, A., <i>et al.</i> , "Keten Dithioacetals. Part 11. Reaction of 3-Cyano-4-methylthio-2(1H)-pyridones with Hydrazine and Guanidine: Synthesis of Novel Substituted and Fused Pyrazolo[4,3-c]pyridone and Pyrido[4,3-d]pyrimidine derivatives," <i>J. Chem. Soc., Perkin Trans. 1</i> :857-862, The Royal Society of Chemistry (1978).
VB	AS	18	Kuo, C.-C. and Bean, B.P., "Slow Binding of Phenytoin to Inactivated Sodium Channels in Rat Hippocampal Neurons," <i>Mol. Pharmacol.</i> 46:716-725, Williams and Wilkins (1994).
VB	AT	18	Latif, N., <i>et al.</i> , "Malononitriles & Cyanoesters: Part VI-Synthesis of New Biologically Active Cyanopyridines," <i>Indian J. Chem.</i> 20B:147-149, Publications and Information Directorate (1981).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	19	Leff, P. and Dougall, I.G., "Further concerns over Cheng-Prusoff analysis," <i>TIPS</i> 14:110-112, Elsevier Science Publishers Ltd. (1993).
VB	AS	19	Li, J.J., <i>et al.</i> , "1,2-Diarylcyclopentenones as Selective Cyclooxygenase-2 Inhibitors and Orally Active Anti-inflammatory Agents," <i>J. Med. Chem.</i> 38:4570-4578, The American Chemical Society (1995).
VB	AT	19	Liao, T.K., <i>et al.</i> , "Synthetic Studies of the Antitumor Antibiotic Streptonigrin. II. Synthesis of the C-D Ring Portion of Streptonigrin," <i>J. Heterocycl. Chem.</i> 13:1283-1288, The Journal of Heterocyclic Chemistry (1976).

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	AO						Yes No
	AP						Yes No

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VB	AR	20	Majumdar, B., <i>et al.</i> , "An electrocochleographic study of the effects of lignocaine on patients with tinnitus," <i>Clin. Otolaryngol</i> 8:175-180, Blackwell Scientific Publications (1983).
VB	AS	20	Mano, M., <i>et al.</i> , "Anticoccidials. V. Synthesis and Anticoccidial Activity of 2(1H)-Pyrazinone 4-Oxide Derivatives," <i>Chem. Pharm. Bull.</i> 28:2734-2747, Pharmaceutical Society of Japan (1980).
VB	AT	20	Marcoux, J.-F., <i>et al.</i> , "A General Copper-Catalyzed Synthesis of Diaryl Ethers," <i>J. Am. Chem. Soc.</i> 119:10539-10540, The American Chemical Society (1997).

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VB	AR	21	Møller, A.R., "Similarities Between Chronic Pain and Tinnitus," <i>Am. J. Otol.</i> 18:577-585, Lippincott-Raven Publishers (1997).
VB	AS	21	Murata, M., <i>et al.</i> , "Palladium-Catalyzed Borylation of Aryl Halides or Triflates with Dialkoxymorane: A Novel and Facile Synthetic Route to Arylboronates," <i>J. Org. Chem.</i> 65:164-168, The American Chemical Society (December 1999/ January 2000).
VB	AT	21	Nezu, Y., <i>et al.</i> , "Dimethoxypyrimidines as Novel Herbicides. Part 1. Synthesis and Herbicidal Activity of Dimethoxyphenoxyphenoxyprymidines and Analogues," <i>Pestic. Sci.</i> 47:103-113, John Wiley and Sons Ltd. (1996).

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VB	AR	22	Ohizumi, Y., <i>et al.</i> , "Specific Inhibition of [ <sup>3</sup> H] Saxitoxin Binding to Skeletal Muscle Sodium Channels by Geographutoxin II, a Polypeptide Channel Blocker," <i>J. Biol. Chem.</i> 261:6149-6152, The American Society of Biological Chemists, Inc. (1986).
VB	AS	22	Ohta, A., <i>et al.</i> , "Reactions of the Monoxides of 2,6-Distributed Pyrazines with Phosphoryl Chloride and Acetic Anhydride," <i>J. Heterocyclic Chem.</i> 20:311-320, The Journal of Heterocyclic Chemistry (1983).
VB	AT	22	Pallas, M., <i>et al.</i> , "Chemical synthesis of new pyridine derivatives acting as inhibitors of phosphodiesterase," <i>Pharm. Pharmacol. Lett.</i> 3:36-39, Springer-Verlag (1993).

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V1	AR	23	Pavlyuchenko, A.I., <i>et al.</i> , "Synthesis and Structure of Mesomorphic 2-cyano-5-[p-alkyl(alkoxy)phenyl]-pyridines," <i>Chem. Heterocycl. Compounds</i> 16:681-684, Plenum Publishing Corporation (1981).
V13	AS	23	Petrovskii, A.S., <i>et al.</i> , "Phosphazoreaction in the Series of 2-Amino-3,5-dicyano-4-aryl-6-methoxypyridines," <i>Zh. Obshch. Khim.</i> 53:1187-1188, Nauka (1983).
m3	AT	23	Piettre, S.R., <i>et al.</i> , "Monoaryl- and Bisaryldihydroxytropolones as Potent Inhibitors of Inositol Monophosphatase," <i>J. Med. Chem.</i> 40:4208-4221, The American Chemical Society (1997).

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	AP						Yes No

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VB	AR	24	Quintela, J.M. and Peinador, C., "A Ready One-pot Preparation for 7-Oxa(or thia)-3,4,6-triazabenz[d,e]anthracene and 7-Oxa-3,4,6,9-tetrabenz[d,e]anthracene Derivatives," <i>Tetrahedron</i> 52:10497-10506, Pergamon Press (1996).
VB	AS	24	Ragsdale, D.S., <i>et al.</i> , "Frequency and Voltage-Dependent Inhibition of Type IIA Na <sup>+</sup> Channels, Expressed in a Mammalian Cell Line, by Local Anesthetic, Antiarrhythmic, and Anticonvulsant Drugs," <i>Mol. Pharmacol.</i> 40:756-765, Williams & Wilkins (1991).
VB	AT	24	Rätz, R. and Schroeder, H., "Products from Reaction of Hydrazine and Thionooxamic Acid and Their Conversion into Heterocyclic Compounds," <i>J. Org. Chem.</i> 23:1931-1934, The American Chemical Society (1958).

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FORM PTO-1449

## FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1861.1260001/JMC/THNAPPLICATION NO.  
09/803,659APPLICANT  
Hogenkamp *et al.*FILING DATE  
March 12, 2001GROUP  
1624

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	25	Reddy, A.C.S., <i>et al.</i> , "Fluoro-organics: trifluoromethyl group-induced O-alkylation of pyridin-2-ones," <i>J. Fluorine Chem.</i> 78:21-25, Elsevier Science S.A. (1996).
VB	AS	25	Reddy, A.C.S., <i>et al.</i> , "A Novel Method for the Synthesis of Isoxazolo and Pyrazolo Pyridines Using Hypervalent Iodine Reagent," <i>Synth. Commun.</i> 27:2217-2222, Marcel Dekker, Inc. (1997).
VB	AT	25	Rottländer, M. and Knochel, P., "Multiple Cross-Coupling Reactions of Aryl and Benzylic Zinc Halides with Aryl Halides and Triflates in Solid-Phase Synthesis of Polyfunctional Aromatics," <i>Synlett</i> 9:1084-1086, Thieme (1997).

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V. Balasubramanian

DATE CONSIDERED

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	26	Rykowski, A. and Makosza, M., "Reaction of 1,2,4-Triazines with Nitronate Anions, Direct Nucleophilic Acylation of 1,2,4-Triazines," <i>Tetrahedron Lett.</i> 25:4795-4796, Pergamon Press Ltd. (1984).
VB	AS	26	Rykowski, A., <i>et al.</i> , "Reactions of 1,2,4-Triazines with Nitromethide Ion. A Convenient Method of Preparation of 1,2,4-Triazin-5-ylcarbaldehyde Oximes and their Synthetic Applications," <i>J. Heterocycl. Chem.</i> 33:1567-1571, The Journal of Heterocyclic Chemistry (1996).
VN	AT	26	Sakamoto, T., <i>et al.</i> , "Studies on Pyrimidine Derivatives. XVI. Site Selectivity in the Homolytic Substitution of Simple Pyrimidines," <i>Chem. Pharm. Bull.</i> 28:571-577, Pharmaceutical Society of Japan (1980).

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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	Salman, A.S.S., "Synthesis and reaction of cyanopyridone derivatives and their potential biological activities," <i>Pharmazie</i> 54:178-183, Eschborn Govi-Verlag Pharmazeutischer Verlag GmbH (March 1999).
	AS	<u>27</u>	Sammour, A., <i>et al.</i> , "Some reactions of the 2 (1H)-Pyridones Prepared from 4,4-Dimethoxychalcone and Anisal Acetone," <i>U.A.R.J. Chem.</i> 14:581-598, The National Information and Documentation Centre (1971).
	AT	<u>27</u>	Sato, N., <i>et al.</i> , "Studies on pyrazines. Part 34. Synthetic approach, stability and tautomerism of 2,6-dihydroxypyrazines," <i>J. Chem. Soc., Perkin Trans.</i> 1:3167-3172, The Royal Society of Chemistry (1997).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>28</u>	Satyanarayana, J., "Cyclocondensation of $\alpha$ -Oxoketone <i>N,S</i> -Acetals with $\beta$ -Lithioamino- $\beta$ -Substituted Acrylonitriles: A Facile Route to 2,6-Substituted 4-Amino-3-cyanopyridines," <i>Synthesis</i> 10:889-890, Georg Thieme Verlag (1991).
	AS	<u>28</u>	Seada, M., <i>et al.</i> , "Synthesis and Biological Activities of Some New Pyridazine Derivatives," <i>J. Chin. Chem. Soc.</i> 36:241-249, Chinese Chemical Society (1989).
	AT	<u>28</u>	Senga, K., <i>et al.</i> , "New Syntheses of Pyrido[3,2- <i>d</i> ]pyrimidines," <i>J. Heterocycl. Chem.</i> 19:805-808, The Journal of Heterocyclic Chemistry (1982).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	29	Sheardown, M.J., <i>et al.</i> , "AMPA, but not NMDA, receptor antagonism is neuroprotective in gerbil global ischaemia, even when delayed 24 h," <i>Eur. J. Pharmacol.</i> 236:347-353, Elsevier Science Publishers B.V. (1993).
MS	AS	29	Shkurko, O.P., <i>et al.</i> , "Electronic Spectra of asym-Triazinyl Groups," <i>Chem. Heterocycl. Compd.</i> 23:216-221, Plenum Publishing Corporation (1987).
VD	AT	29	Simpson, J.J. and Davies, W.E., "Recent advances in the pharmacological treatment of tinnitus," <i>Trends Pharmacol. Sci.</i> 20:12-18, Elsevier Science London (January 1999).

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	AL						Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

UB	AR	30	Singh, G., <i>et al.</i> , "Synthesis of nucleosides of pyrido-[2,3- <i>d</i> ]pyrimidines and their microbial activity," <i>Indian J. Chem.</i> 37B:517-520, National Institute of Science Communication (1998).
UB	AS	30	Stys, P.K., <i>et al.</i> , "Ionic Mechanisms of Anoxic Injury in Mammalian CNS White Matter: Role of Na <sup>+</sup> Channels and Na <sup>+</sup> -Ca <sup>2+</sup> Exchanger," <i>J. Neurosci.</i> 12:430-439, Society for Neuroscience (1992).
UB	AT	30	Tanaka, A., <i>et al.</i> , "Inhibitors of Acyl-CoA:Cholesterol <i>O</i> -Acyltransferase. 3. Discovery of a Novel Series of <i>N</i> -Alkyl- <i>N</i> -[(fluorophenoxy)benzyl]- <i>N'</i> -aryureas with Weak Toxicological Effects on Adrenal Glands," <i>J. Med. Chem.</i> 41:4408-4420, The American Chemical Society (1998).

EXAMINER	V. Balasubramanian	DATE CONSIDERED	3/8/02
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	31	Taylor, C.P. and Meldrum, B.S., "Na <sup>+</sup> channels as targets for neuroprotective drugs," <i>Trends Pharmacol. Sci.</i> 16:309-316, Elsevier Science Ltd. (1995).
V3	AS	31	Tonndorf, J., "The analogy between tinnitus and pain: A suggestion for a physiological basis of chronic tinnitus," <i>Hear Res.</i> 28:271-275, Elsevier Science Publishers B.V. (1987).
V5	AT	31	Troschütz, V.R. and Nietsch, K.-H., "Einfache Synthese von 6-Aryl2-methyl-nicotinsäure-Derivaten," <i>Chem. Ztg.</i> 114:321-322, Huethig Publishing Ltd. (1990).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>32</u>	Verndoor, T.A., <i>et al.</i> , "Functional Properties of Recombinant Rat GABA <sub>A</sub> Receptors Depend upon Subunit Composition," <i>Neuron</i> 4:919-928, Cell Press (1990).
	AS	<u>32</u>	Wasfy, A.A.F., <i>et al.</i> , "Novel Pyrimidine Congeners as Antimicrobial Agents," <i>Sulfur Lett.</i> 19:45-53, Harwood Academic Publishers GmbH (1995).
	AT	<u>32</u>	Wasfy, A.A.F., <i>et al.</i> , "Synthesis and Reactions of 6(4)-(P-Benzylphenyl)-4(6)-Phenylpyrimidine-2(1H) Thione," <i>Heterocycl. Commun.</i> 2:375-381, Freund Publishing House Ltd. (1996).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	33	Woodward, R.M., <i>et al.</i> , "Effects of Steroids on $\gamma$ -Aminobutyric Acid Receptors Expressed in <i>Xenopus</i> Oocytes by Poly(A) <sup>+</sup> RNA from Mammalian Brain and Retina," <i>Mol. Pharmacol.</i> 41:89-103, Williams and Wilkins (1992).
VD	AS	33	Wrathall, J.R., <i>et al.</i> , "Amelioration of Functional Deficits from Spinal Cord Trauma with Systemically Administered NBQX, an Antagonist of Non-N-methyl-D-aspartate receptors," <i>Exp. Neurol.</i> 137:119-126, Academic Press, Inc. (1996).
V3	AT	33	Petrovskii, A.S., <i>et al.</i> , "Phosphazo reaction in a series of 2-amino-3,5-dicyano-4-aryl-6-methoxypyridines," <i>CAPLUS Accession No. 1983:505364</i> , Chemical Abstracts Service (1983).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>34</u>	Chemical Abstracts English language abstract of JP 02052360 (Document AM7), Database CAPLUS Accession No. 1990:523850, Chemical Abstracts Service (1990).
	AS	<u>34</u>	Seada, M., <i>et al.</i> , "Reactions with 2-amino-3,5-dicyanopyridines." Database CAPLUS Accession No. 114:81740, Chemical Abstracts Service (1991).
	AT	<u>34</u>	Troschütz, R., <i>et al.</i> , "Easy synthesis of 6-aryl-2-methylnicotinic acid derivatives," Database CAPLUS Accession No. 114:101664, Chemical Abstracts Service (1991).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	35	Chemical Abstracts English language abstract of EP 0 480 258 A2 (Document AP6), Database CAPLUS Accession No. 1992:426351, Chemical Abstracts Service (1992).
AS	35	Dialog File 351, Accession No. 3212225, Derwent WPI English language abstract for JP 56104883 (Document AN2).
AT	35	Dialog File 351, Accession No. 3689403, Derwent WPI English language abstract for EP 0 123 700 A1 (Document A02).

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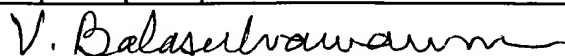
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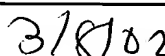
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>36</u>	Dialog File 351, Accession No. 3710355, Derwent WPI English language abstract for DE 32 45 950 A1 (Document AL3).
	AS	<u>36</u>	Dialog File 351, Accession No. 3159675, Derwent WPI English language abstract for JP 6320234 (Document AM3).
	AT	<u>36</u>	Dialog File 351, Accession No. 9527161, Derwent WPI English language abstract for EP 0 550 900 A1 (Document AN4).

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V3	AR	37	Dialog File 351, Accession No. 10250554, Derwent WPI English language abstract for JP 7076542 (Document A04).
V0	AS	37	Chemical Abstracts English language abstract of FR 1,477,021 (Document A05), Database CAPLUS Accession No. 1967:521357, Chemical Abstracts Service (1967).
V0	AT	37	Chemical Abstracts English language abstract of FR 1,536,093 (Document AL2), Database CAPLUS Accession No. 1969:481429, Chemical Abstracts Service (1969).

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## U.S. PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	38	Akopian, A.N., <i>et al.</i> , "The tetrodotoxin-resistant sodium channel SNS has a specialized function in pain pathways," <i>Nat. Neurosci.</i> 2:541-548, Nature America Inc. (June 1999).
VB	AS	38	Backonja, M., <i>et al.</i> , "Gabapentin for the Symptomatic Treatment of Painful Neuropathy in Patients With Diabetes Mellitus," <i>J. Am. Med. Assoc.</i> 280:1831-1836, American Medical Association (1998).
VB	AT	38	Baker, M.D. and Wood, J.N., "Involvement of Na <sup>+</sup> channels in pain pathways," <i>Trends Pharm. Sci.</i> 22:27-31, Elsevier Science Ltd. (January 2001).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	39	Bennett, G.J., "Neuropathic Pain: New Insights, New Interventions," <i>Hosp. Prac.</i> 33:95-98, 101-104, 107-110, 113-114, The McGraw-Hill Companies (1998).
VB	AS	39	Bowsher, D., "Neurogenic pain syndromes and their management," <i>Br. Med. Bull.</i> 47:644-666, Oxford University Press (1991).
VB	AT	39	Carver, A.C. and Foley, K.M., "Palliative Care," in: <i>Cancer Medicine</i> , Holland, J.F., <i>et al.</i> , eds., Williams & Wilkins, Baltimore, Maryland, pp.992-1000 (1997).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

✓D	AR	40	Carver, A.C. and Foley, K.M., "Complications of Cancer and Its Treatment, Management of Cancer Pain," in: <i>Cancer Medicine</i> , Holland, J.F., <i>et al.</i> , eds., Williams & Wilkins, Baltimore, Maryland, pp.2204-2223 (1997).
✓D	AS	40	Cavallini, G., <i>et al.</i> , "Chemioterapici Antivirali, Nota X - Mono e bis aldeidi aromatiche," <i>Il Farmaco Ed. Sc.</i> 19:964-971, <i>Il Farmaco</i> (1964).
✓M	AT	40	Cavallini, G., <i>et al.</i> , "Antiviral Compounds. X. Aromatic mono- and dialdehydes," <i>Chem. Abstracts</i> 62:Abstract No. 5217h, The American Chemical Society (1965).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MB	AR	41	Chadda, V.S. and Mathur, M.S., "Double Blind Study of the Effects of Diphenylhydantoin Sodium on Diabetic Neuropathy," <i>Jr. Asso. Phys. Ind.</i> 26:403-406, Association of Physicians of India (1978).
MB	AS	41	Clark, M. and Post, R.M., "Carbamazepine, but not caffeine, is highly selective for adenosine A <sub>1</sub> binding sites," <i>Eur. J. Pharmacol.</i> 164:399-401, Elsevier Science Publishers B.V. (1989).
MB	AT	41	Collins, S.L., <i>et al.</i> , "Antidepressants and Anticonvulsants for Diabetic Neuropathy and Postherpetic Neuralgia: A Quantitative Systematic Review," <i>J. Pain Symptom Management</i> 20:449-458, Elsevier (December 2000).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>42</u>	Coward, K., <i>et al.</i> , "Plasticity of TTX-sensitive sodium channels PN1 and Brain III in injured human nerves," <i>Neuroreport</i> 12:495-500, Lippincott Williams & Wilkins (March 2001).
	AS	<u>42</u>	D'Agostino, V.F., <i>et al.</i> , "Absorption Spectra of Tetracyclones. V," <i>J. Org. Chem.</i> 23:1539-1544, The American Chemical Society (1958).
	AT	<u>42</u>	Dreixler, J.C., <i>et al.</i> , "Block of rat brain recombinant SK channels by tricyclic antidepressants and related compounds," <i>Eur. J. Pharmacol.</i> 401:1-7, Elsevier Science B.V. (July 2000).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>43</u>	England, J.D., <i>et al.</i> , "Sodium channel accumulation in humans with painful neuromas," <i>Neurology</i> 47:272-276, Lippincott-Raven (1996).
	AS	<u>43</u>	Foley, K.M., "Supportive Care and Quality of Life, Management of Cancer Pain," in: <i>Cancer: Principles &amp; Practice of Oncology. Fifth Edition</i> , DeVita Jr., V.T., <i>et al.</i> , eds. Lippincott-Raven Publishers, Philadelphia, Pennsylvania, pp.2807-2841 (1997).
	AT	<u>43</u>	Foley, K.M., "Supportive Care and Quality of Life, Management of Cancer Pain," in: <i>Cancer: Principles &amp; Practice of Oncology. Sixth Edition</i> , DeVita Jr., V.T., <i>et al.</i> , eds. Lippincott-Williams & Wilkins Publishers, Philadelphia, Pennsylvania, pp.2977-3011 (January 2001).

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## SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	44	Grunze, H., <i>et al.</i> , "Modulation of Calcium and Potassium Currents by Lamotrigine," <i>Neuropsychobiology</i> 38:131-138, S. Karger AG (1998).
	AS	44	Kajander, K.C. and Bennet, G.J., "Onset of a Painful Peripheral Neuropathy in Rat: A Partial and Differential Deafferentation and Spontaneous Discharge in A $\beta$ and A $\delta$ Primary Afferent Neurons," <i>J. Neurophysiol.</i> 68:734-744, American Physiological Society (1992).
	AT	44	Keating, M.T. and Sanguinetti, M.C., "Molecular Genetic Insights into Cardiovascular Disease," <i>Science</i> 272:681-685, American Association for the Advancement of Science (1996).

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
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>45</u>	Kingery, W.S., "A critical review of controlled clinical trials for peripheral neuropathic pain and complex regional pain syndromes," <i>Pain</i> 73:123-139, Elsevier Science B.V. (1997).
	AS	<u>45</u>	Kirsch, G.E., "Na <sup>+</sup> Channels: Structure, Function, and Classification," <i>Drug Develop. Res.</i> 33:263-276, Wiley-Liss, Inc. (1994).
	AT	<u>45</u>	Kuo, C.-C., <i>et al.</i> , "Carbamazepine Inhibition of Neuronal Na <sup>+</sup> Currents: Quantitative Distinction from Phenytoin and Possible Therapeutic Implications," <i>Mol. Pharmacol.</i> 51:1077-1083, American Society for Pharmacology and Experimental Therapeutics (1997).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>46</u>	Lampe, H. and Bigalke, H., "Carbamazepine blocks NMDA-activated currents in cultured spinal cord neurons," <i>NeuroReport</i> 1:26-28, Rapid Communications of Oxford Ltd. (1990).
	AS	<u>46</u>	MacFarlane, B.V., <i>et al.</i> , "Chronic Neuropathic Pain and Its Control by Drugs," <i>Pharmacol. Ther.</i> 75:1-19, Elsevier Science Inc. (1997).
	AT	<u>46</u>	Mackin, G.A., "Medical and Pharmacologic Management of Upper Extremity Neuropathic Pain Syndromes," <i>J. Hand Ther.</i> 10:96-109, Hanley & Belfus, Inc. (1997).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>47</u>	Massarani, E. and Mauri, L., "Chemioterapici Antivirali, Nota VIII - Nuovi glicosidi derivati del difeniletere," <i>Il Farmaco Ed. Sci.</i> 19:958-963, <i>Il Farmaco</i> (1964).
	AS	<u>47</u>	Massarani, E. and Mauri, L., "Antiviral Compounds. VIII. New glyoxal derivatives of diphenyl ether," <i>Chem. Abstracts</i> 62:Abstract No. 5217e, The American Chemical Society (1965).
	AT	<u>47</u>	McQuay, H.J., <i>et al.</i> , "A systematic review of antidepressants in neuropathic pain," <i>Pain</i> 68:217-227, Elsevier Science B.V. (1996).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>48</u>	Meadows, H.J., <i>et al.</i> , "The neuroprotective agent sipatrigine (BW619C89) potently inhibits the human tandem pore-domain K <sup>+</sup> channels TREK-1 and TRAAK," <i>Brain Res.</i> 892:94-101, Elsevier Science B.V. (February 2001).
	AS	<u>48</u>	Moshé, S.L., "Mechanisms of action of anticonvulsant agents," <i>Neurology</i> 55 (Suppl. 1):S32-S40, Lippincott Williams & Wilkins (September 2000).
	AT	<u>48</u>	Roden, D.M., "Mechanisms and Management of Proarrhythmia," <i>Am. J. Cardiol.</i> 82:491-571, Excerpta Medica, Inc. (1998).




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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>49</u>	Rogawski, M.A. and Porter, R.J., "Antiepileptic Drugs: Pharmacological Mechanisms and Clinical Efficacy with Consideration of Promising Developmental Stage Compounds," <i>Pharmacol. Rev.</i> 42:223-286, American Society for Pharmacology and Experimental Therapeutics (1990).
	AS	<u>49</u>	Said, G., "Diabetic neuropathy: an update," <i>J. Neurol.</i> 243:431-440, Springer-Verlag (1996).
	AT	<u>49</u>	Saudek, C.D., <i>et al.</i> , "Phenytoin in the treatment of diabetic symmetrical polyneuropathy," <i>Clin. Pharmacol. Ther.</i> 22:196-199, Mosby Year Book (1997).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
VB	AR	50	Scadding, J.W., "Neuropathic Pain," in: <i>Diseases of the Nervous System: Clinical Neurobiology</i> , Asbury, A.K., <i>et al.</i> , eds., W.B. Saunders, Philadelphia, Pennsylvania, pp.858-872 (1992).
VB	AS	50	Scadding, J.W., "Peripheral neuropathies," in: <i>Textbook of Pain</i> , 2 <sup>nd</sup> Edition, Wall, P.D. and Melzack, R., eds., Churchill Livingstone, Edinburgh, Scotland, pp.522-534 (1992).
VB	AT	50	Schirmacher, K., <i>et al.</i> , "Effects of carbamazepine on membrane properties of rat sensory spinal ganglion cells in vitro," <i>Eur. Neuropsychopharmacol.</i> 5:501-507, Elsevier Science B.V. (1995).

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
VM	AR	51	Seada, M., <i>et al.</i> , "Reactions with 2-Amino-3,5-Dicyanopyridines," <i>Orient. J. Chem.</i> 5:273-280, Oriental Scientific Publishing Co. (1989).
M	AS	51	Sindrup, S.H. and Jensen, T.S., "Pharmacologic treatment of pain in polyneuropathy," <i>Neurology</i> 55:915-920, Lippincott, Williams & Wilkins (October 2000).
M	AT	51	Stefani, A., <i>et al.</i> , "Lamotrigine inhibits Ca <sup>2+</sup> currents in cortical neurons: functional implications," <i>Eur. J. Pharmacol.</i> 307:113-116, Elsevier Science B.V. (1996).

EXAMINER	V. Balasubramanian	DATE CONSIDERED	3/8/02
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1861.1260001/JMC/THNAPPLICATION NO.  
09/803,659APPLICANT  
Hogenkamp *et al.*FILING DATE  
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1624

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

VB	AR	<u>52</u>	Taylor, C.P., "Mechanisms of action of gabapentin," <i>Rev. Neurol. (Paris)</i> 153:1S39-1S45, Masson (1997).
MB	AS	<u>52</u>	Taylor, C.P., <i>et al.</i> , "A summary of mechanistic hypotheses of gabapentin pharmacology," <i>Epilepsy Res.</i> 29:233-249, Elsevier Science B.V. (1998).
MM	AT	<u>52</u>	Veldman, P.H.J.M., <i>et al.</i> , "Signs and symptoms of reflex sympathetic dystrophy: prospective study of 829 patients," <i>The Lancet</i> 342:1012-1016, The Lancet Publishing Group (1993).

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